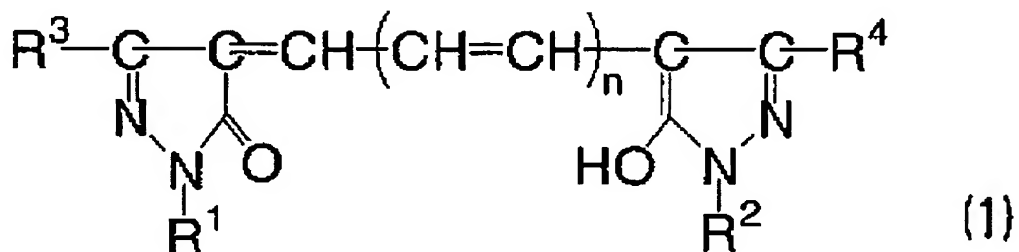


WHAT IS CLAIMED IS:

1. A heat-sensitive recording material having a support and a heat-sensitive recording layer, which contains a diazonium salt compound and a coupler compound that reacts with the diazonium salt to develop a color, wherein the recording material contains an oxonol dye.

2. A heat-sensitive recording material according to claim 1, wherein the oxonol dye is represented by the following formula (1):



wherein in formula (1), R¹, R², R³ and R⁴ represent independently an alkyl group, an aryl group, a substituted aryl group or a COOR group (wherein R represents a hydrogen atom, an alkyl group or an aryl group); and n represents 0, 1 or 2.

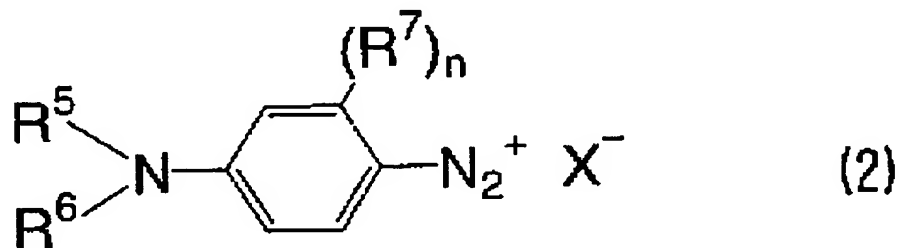
3. A heat-sensitive recording material according to claim 2, wherein R¹ and R² in formula (1) are a substituted aryl group having a substituent with a dissociable proton or a salt thereof.

4. A heat-sensitive recording material according to claim 1, wherein the diazonium salt compound is contained in microcapsules.

5. A heat-sensitive recording material according to claim 2, wherein the diazonium salt compound is contained in microcapsules.

6. A heat-sensitive recording material according to claim 3, wherein the diazonium salt compound is contained in microcapsules.

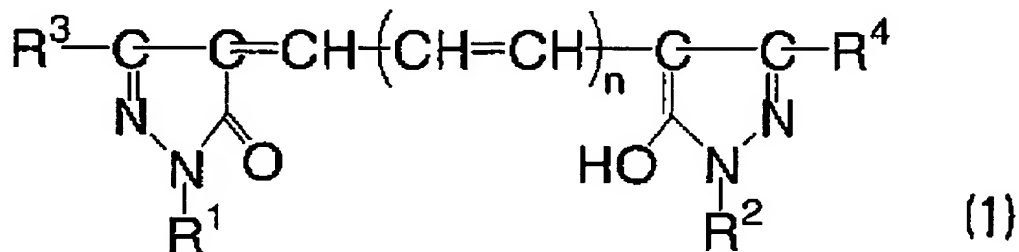
7. A heat-sensitive recording material according to claim 1, wherein the diazonium salt compound is represented by the following formula (2):



wherein in formula (2), R^5 and R^6 represent independently a hydrogen atom, a substituted or unsubstituted alkyl group, or a substituted or unsubstituted aryl group, provided that R^5 and R^6 may be the same or different as long as they are not both hydrogen atoms at the same time; R^7 represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or

unsubstituted aryl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryloxy group, a substituted or unsubstituted alkylthio group, a substituted or unsubstituted arylthio group, a halogen atom, or a substituted amino group; X^- represents an acid anion; and n represents an integer of 1 to 4.

8. A heat-sensitive recording material according to claim 7, wherein the oxonol dye is represented by the following formula (1):



wherein in the above formula (1), R^1 , R^2 , R^3 and R^4 represent independently an alkyl group, an aryl group, a substituted aryl group or a COOR group (wherein R represents a hydrogen atom, an alkyl group or an aryl group); and n represents 0, 1 or 2.

9. A heat-sensitive recording material according to claim 8, wherein R^1 and R^2 in formula (1) are a substituted aryl group having a substituent with a dissociable proton or a salt thereof.

10. A heat-sensitive recording material according to claim 7, wherein the diazonium salt compound is contained in

microcapsules.

11. A heat-sensitive recording material according to claim 1, wherein the oxonol dye is contained in a layer containing the diazonium salt compound.

12. A heat-sensitive recording material according to claim 2, wherein the oxonol dye is contained in a layer containing the diazonium salt compound.

13. A heat-sensitive recording material according to claim 3, wherein the oxonol dye is contained in a layer containing the diazonium salt compound.

14. A heat-sensitive recording material according to claim 4, wherein the oxonol dye is contained in a layer containing the diazonium salt compound.

15. A heat-sensitive recording material according to claim 7, wherein the oxonol dye is contained in a layer containing the diazonium salt compound.

16. A heat-sensitive recording material according to claim 1, wherein the amount of the oxonol dye is 1×10^{-6} to 1×10^{-3} g/m².

17. A heat-sensitive recording material according to claim 2, wherein the amount of the oxonol dye is 1×10^{-6} to 1×10^{-3} g/m².

18. A heat-sensitive recording material according to claim 3, wherein the amount of the oxonol dye is 1×10^{-6} to 1×10^{-3} g/m².

19. A heat-sensitive recording material according to claim 4, wherein the amount of the oxonol dye is 1×10^{-6} to 1×10^{-3} g/m².

20. A heat-sensitive recording material according to claim 7, wherein the amount of the oxonol dye is 1×10^{-6} to 1×10^{-3} g/m².